

Physical Therapy and Exercise Science - MCVTS, Piscataway									
Grade	Title	Overview	Articulation PT	Description	Credits	Articulation - Acad	Credits	Certification	WBL
9th	PT & ES I	Intro to Healthcare, Physical Therapy and Exercise Science		Overview of Healthcare, Physical Therapy, Exercise Science and Biology					
10th	PT & ES II	Kinesiology and Health	Foundations of Kinesiology and Health - Rutgers	Historical, philosophical, and scientific foundations of the discipline.	1.5	Chemistry I/lab - NJIT	4	BLS Heartsaver	Career Exploration
			Principles of a Healthy Lifestyle - Rutgers	Introduction to the concept of healthy lifestyle for prevention and treatment of lifestyle-related diseases such as cardiovascular diseases, diabetes, strokes and obesity. Focus on evidence-based knowledge to design and promote an integrated health approach.	1.5				
11th	PT & ES III	Anatomy, Physiology and Applications for Physical Therapy and Exercise Science	Functional Human Anatomy - Rutgers	Systemic and regional study of gross structure of the human body emphasizing functional interdependency among anatomical systems. Human cadaver lab. Lecture/Lab. Prerequisites: 01:119:115, 01:119:116, General Biology	4	Physics I/Lab - NJIT/Rutgers	4	CPR AED	1 day required Job Shadow experience - ea student
12th	PT & ES IV	Practice and Applications of Therapy and Exercise Science	Cultural Aspects of Health - NJCU	(Fall) This course offers a broad study of cultural and ethnic backgrounds and their effects on personal and community health. Discussions focus on the ways in which different societies attempt to meet basic health needs.	3	English Comp - NJIT (English 12 Honors)	3	Basic Kinesiology Taping OSHA 10	A required Capstone project in a PT/ES pathway: 12-15 days (45-48 hours) in a local mentorship. Students will present on their experience.
						(Fall) Intermediate (College) Algebra - Rutgers (Online or summer)	3		
			Basic Statistics for Exercise Science - Rutgers	(Spring) Introduction to applied descriptive and inferential statistics for exercise science. Prerequisite: 01:640:026, Intermediate Algebra	3	(Fall) Principles of Strength and Conditioning - Rutgers	1.5		
						(Spring) Exercise and Relaxation- Rutgers	1.5		
					<b>13</b>		<b>17</b>		
<b>Note:</b> First Semester Transfer Students to Rutgers are eligible to declare if they have transferred into Rutgers University-New Brunswick with a minimum of 15 credits.									